

APPENDIX L

Feature Inventory

The "SILO" Feature is a cylindrical pit with vertical sides and a flat bottom (see photograph and profile drawing below). These features have a mean depth of 114.7 cm.. The mean volume is 2900.9 liters. Type A is the third largest group of features recognized at the Delaware Park Site and comprises 17.9% of the total (31 features).

These features are large, have circular to oval surface configurations, are relatively deep in relation to their surface size and have vertical sidewalls and flat bottoms. Feature contents include organic-laden soil, artifacts of various types, varying quantities of charcoal and residues of food debris including pollen and seeds. The immediate impression is that these features were intended for storage units possibly situated within surface structures such as houses, sheds, pavillions, etc.

During the field investigations, attempts were made to determine feature function based upon soil characteristics and upon observations as to the presence of sidewall burning, base configuration and artifact distribution within features. At first glance, contents seemed to reflect the field impression that the features were located near, if not within, domicles and that they were primary intended to be used for the storage, and possible preparation of faunal food.

Due to the size of these features, larger amounts of preserved organic materials were recovered. The volume of seeds suggests that floral materials may have been stored in this type of feature.

The feature shape can provide clues to its intended use. The 31 features of this type share common characteristics which can be expressed by referring to them as inverted silos. They are basically cylindrical in form, a factor which limits ease of accesibility to the bottoms. It is possible that they had to be entered by a ladder-like mechanism. Some of the features did contain irregularities that may have been caused by support structures but this could not be conclusively demonstrated. Side walls sometimes had vertical channels which may have represented storage rack members, again this contention is only impressionistic. The presence of stored food remains was not found.~~of this type?~~ Another factor that was noted during excavation was that the bottoms of all features^{of this type} were excavated through soil composed of a relatively heavy sand and gravel with excellent drainage characteristics. It was suggested that this may have been a cultural choice, the implication being that storage units require good drainage.

In summary, although conclusive evidence of function does not exist, it can be suggested that features of this type were used as storage units, probably for the storage of both floral and faunal preserved food materials. Other possible uses, such as domicles, steam baths, etc. are not supportable based on present evidence.

FEATURE NUMBER	CATALOG NUMBER	TYPE	PROVENIENCE	LENGTH - cm	WIDTH - cm	DEPTH - cm	SURFACE AREA - sq m	VOLUME liters	SURFACE CONFIGURATION	SIDE CONFIGURATION	BOTTOM CONFIGURATION
8	234	C	N10W30	142	198	80	3.07	1387.5	circular	±60-80°	flat
8	163	C	N10W30	180	182	70	2.60	2849	circular	±60-80°	flat
9	164	G	N10W30	36	24	40	.045	37	circular	irregular	conoid
10	165	A	N10W30	118	136	68	1.45		circular	vertical	flat
11	250	C	N10W20	168	140	65	1.53	1572.5	circular	±60-80°	flat
12	178	C	N10W30	140	156	70	1.91	2553	circular	vertical	flat
36	83	C	S10W10	144	114	49	1.28	684.5	elliptical	±60-80°	irregular
37	76	A	S10W20	161	182	137	2.60	3256	circular	vertical	flat
38	88	A	S10W10	129		72		1110		vertical	flat
39	74	A	S10W10	169.5	140	121	1.53	3130	circular	vertical	flat
40	71	A	S10W10	152	170	104	2.26	2220	circular	vertical	flat
41	70	A	N10W10	140	152	84	1.81	2516	circular	vertical	flat
42	84	D	S10W10	128	114	90	1.02	1646.5	circular	vertical	flat
43	79	E	S10W20	174	136	14	1.85	194.25	elliptical	±30 °	flat
44	93	F	S10W20	124	116	38	1.05	555	circular	±60-80°	flat
45	94	A	S10W20	160	103	31	1.29	4810	elliptical	vertical	flat
46	87	C	S10W10	110	120	48	1.11	1258	circular	±60-80°	flat
47	159	A	N10W10	128	156	111	1.91	3293	circular	vertical	irregular
48	209	C	N10W10	186	186	76	2.71	2719.5	circular	vertical	flat
49	117										
50	97	A	S10W20	200	134	114	2.1	3404	elliptical	vertical	flat
51	80	A	S20W20	152	133	131	1.38	3737	circular	vertical	flat
52	77	E	S10W10	28	62	10		9	irregular	±30°	concave
53	73	C	N10W10		136	64		2331	circular	vertical	flat
54	214	F	S10W10	56	64	30		18.5	kidney	±60-80°	concave
55	68	A	N10W10	164	178	102	2.48	2682.5	circular	±60-80°	flat
56	86	C	S10W10	168	154	85	1.86	2904.5	circular	±60-80°	flat
57	100	B	S10W10	200	180	48	2.5	1165.5	circular	irregular	irregular
58	121	C	S20W10	169	162	85	2.06	2257	circular	vertical	flat
59	101	C	S10W20	204	144	36	2.3	795.5	elliptical	±60-80°	sloped
60	99	G	S10W20	30	35	85.5	.096	4	circular	±60-80°	conoidal

FEATURE NUMBER	CATALOG NUMBER	TYPE	PROVENIENCE	LENGTH cm	WIDTH cm	DEPTH cm	SURFACE AREA sq m	VOLUME liters	SURFACE CONFIGURATION	SIDE CONFIGURATION	BOTTOM CONFIGURATION
61	179	E	N10W10	164	140	2	1.80	129.5	circular	±30°	
62	102	A	S10W20	152	185	155	2.68	3422.5	circular	irregular	flat
63	114	A	S10W20	152	158	109		4319.75	irregular	vertical	flat
64	173	G	N10W10	68	69			499.5	irregular	± 60-80°	conoidal
65	242	F	S10W20	86	100	67	.78	351.5	circular	± 60-80°	sloped
66											
67	251	C	S10W20	110	118	48	1.01	1332	circular	± 60-80°	flat
68	225	E	N10W10	88	94	21		222	irregular	± 30°	concave
69	118	E	S10W20	55	73	30	.315	27.75	elliptical	±30°	concave
70	258	A	N10W20	162	162	106	2.06	2645.5	circular	± 60-80°	flat
71	256	C	N10W20	198	166	66	2.58	3034	elliptical	± 60-80°	concave
72	161	B	N20W10	264	244	16		777	irregular	± 60-80°	irregular
73	139	E	N20W10	148	180	34	2.5	166.5	circular	± 30°	flat
74											
75	149	C	N20W10	172	164	90		1535.5	irregular	± 60-80°	irregular
76	210	E	N10W20	110	110	22	.94	212.75	circular	± 30°	flat
77											
78	243										
79	148	C	N10W20	140	139	81	1.51	1924	circular	vertical	flat
80	244	F	N20W20	38	40	32	.125	46.25	circular	vertical	flat
81	155	C	N20W20	176	180	94	24	1591	circular	± 60-80°	flat
82	129	F	N20W20	64	49	45	.246	444	elliptical	± 60-80°	flat
83	130	E	N20W20	80	83	25	.54	462.5	circular	± 30°	flat
84	241	C	N20W20	196	90	90	2.8	1387.5	circular	± 60-80°	irregular
85	245	E	N20W20	86	90	27	.635	55.5	circular	± 30°	concave
86	303	F	N20W20	46	44	23	.151	23	circulaar	± 60-80°	flat
87	131	F	N20W20	80	66	26	.414	97	elliptical	± 60-80°	flat
88	127	G	N20W20	50	54	60	18.5	.228	circular	vertical	flat
89	141	G	N30W20	117	182	93			irregular	± 60-80°	flat
90	227	E	N10W20	122	148	40	1.71	573.5	circular	± 30°	irregular
91	259	A	N10W20	164	138	133	1.77	3311.5	elliptical	vertical	flat
92	304	E	N20W20	88	82	25	.527	.48	circular	± 60-80°	flat

FEATURE NUMBER	CATALOG NUMBER	TYPE	PROVENIENCE	LENGTH cm	WIDTH cm	DEPTH cm	SURFACE AREA sq m	VOLUME liters	SURFACE CONFIGURATION	SIDE CONFIGURATION	BOTTOM CONFIGURATION
93	246	A	N10W30	159	105		2867.5				
94	132	B	N20W20	388	368	92	8140		irregular	vertical ± 30°	concave
95	294	A	S10W20	136	134	126	1.40	2608.5	circular	vertical	sloped
96	211	D	N10W10	154	146	931	1.67	1665	circular	± 60-80°	flat
97	295										flat
98	144	G	N20W20	148	96	36	1.11	333	elliptical	irregular	irregular
99	260	C	N10W20	180	170	78	2.26	3071	circular	± 60-80°	flat
100											
101	169	E	N30W10	178	70	35		314.5	irregular	irregular	irregular
102	305	G	N10W20	494	230	5			irregular	± 60-80°	flat
103	174	A	S10W20	154	146	92	1.67	2146	circular	vertical	flat
104											
105	142	E	N30W20	172	112	16	1.51	259	elliptical	± 30°	flat
106	170	F	N20W20	56	46	56	.166	203.5	circular	vertical	flat
107	257	F	N20W20	130	138	76	1.49	647.5	circular	vertical	flat
108	154	C	N20W20	116	128	42	1.28	823.25	circular	± 60-80°	flat
109	138	G	N10W20	54	37	76	.15	138.75	elliptical	vertical	concave
110	135	E	N30W20	77	84	15	.55	166.5	circular	± 30°	flat
111	293	C	N10W20	160	180	96	2.5	2312.5	circular	± 60-80°	flat
112	162	C	N20W30	104	121	42	1.14	1285.75	circular	± 60-80°	flat
113	166	F	N10W30	18	16	46	.020	55.5	circular	vertical	concave
114	168	C	N20W30	256		40		2109	irregular	± 60-80°	irregular
115	146	G	N20W30	66	44	10	.227	55.5	elliptical	irregular	irregular
116	134	E	N20W30	146	70	17	.802	101.75	elliptical	± 30°	concave
117	152	F	N20W20	132	100	62.5		397.75	irregular	± 60-80°	flat
118	151	C	N20W30	198	100	54	1.55	1267.25	elliptical	± 60-80°	flat
119	137	E	N30W30	100	170	44		370	irregular	± 30°	irregular
120											
121	297	C	N10W20	220	220	55	3.79	2516	circular	± 60-80°	flat
122	261	C	S10W20	160	156	74	1.91	2164.5	circular	vertical	flat
123	136	E	N30W20	270	95	53		536.5	irregular	± 30°	pointed
124	140	G	N30W10	114	104						
125	143	E	N20W30	75	55	25		351.5	irregular	± 30°	sloped

FEATURE NUMBER	CATALOG NUMBER	TYPE	PROVENIENCE	LENGTH cm	WIDTH cm	DEPTH cm	SURFACE AREA sq m	VOLUME liters	SURFACE CONFIGURATION	SIDE CONFIGURATION	BOTTOM CONFIGURATION
126	147	A	N10W30	168	158	80	1.95	2312.5	circular	vertical	flat
127	150	F	N10W30	90	90	45	.63	481	circular	vertical	flat
128	145	F	N10W30	140	130	18	1.32	296	circular	vertical	flat
129	282	C	N10W30		134	70		629		± 30°	flat
130	167	B	N20W30	288	392	72		3903.5	irregular	± 30°	irregular
131	172	F	N30W20	50	50	54	.196	111	circular	vertical	irregular
132	245	G	N30W20					2590	irregular	irregular	irregular
133	153	E	N30W20	33.5	31	14	.075	55.5	circular	± 80°	concave
134	158	E	N20W20	53	100	18		37	irregular	± 30°	concave
135	302	G	N20W30	30	28	0	.061		circular		
136	253	E	N10W20	122	100	40	.785	240.5	circular	± 60-80°	flat
137	160	A	N10W30	164	150	67	1.93	1128.5	elliptical	vertical	flat
138	175	C	N10W30		96	94		2590		± 30°	flat
139	176	A	S10W10	188	148	128	2.18	2812	elliptical	vertical	flat
140	177	A	N10W10	146	144	106	1.62	2101	circular	vertical	flat
141	254	F	N10W20	128	100	54		333	irregular	± 60-80°	sloped
142	181	F	N10W20	110	110	54	.949	277.5	circular	vertical	flat
143	246	C	N10W20	128	152	43		962	irregular	± 60-80°	flat
144	255	E	N10W20	180	74	18	1.04	277.5	elliptical	± 60-80°	flat
145	208	C	N10W20	158	128	66	1.58	1794.5	elliptical	± 60-80°	flat
146	230	C	N10W20		152	67	1.81	407	circular	± 60-80°	flat
147	180	F	N10W20		83	54		647.5	elliptical	± 60-80°	flat
148	182	A	N10W20	110	122	153	1.16	2127.5	circular	vertical	flat
149	207	A	S10W10	210	195	130	2.8	4625	circular	vertical	flat
150	283	E	N10W20	64	72	24	.406	37	circular	± 60-80°	concave
151	223	E	N10W20		130	26	1.32	351.5	circular	± 60-80°	flat
152	296	C	N10W20	184	226	98	3.26	3330	elliptical	± 60-80°	flat
153	213	E	S10W20	64	64	26	.321	64.75	circular	± 30°	flat
154	212	E	S10W20	104	96	80	.723	203.5	circular	± 60-80°	concave
155	263	A	S10W20	156	154	138	1.86	3700	circular	vertical	concave
156	247	A	S10W20	150	130	132	1.32	2497.5	circular	vertical	flat
157	203	D	S20W20	156	152	64	1.81	1110	circular	vertical	flat
158	306	G	S10W20	34		16		18.5	elliptical	± 60-80°	flat
159	204	D	S10W20	152	140	190	.153	1998	circular	vertical	irregular

FEATURE NUMBER	CATALOG NUMBER	TYPE	PROVENIENCE	LENGTH cm	WIDTH cm	DEPTH cm	SURFACE AREA sq m	VOLUME liters	SURFACE CONFIGURATION	SIDE CONFIGURATION	BOTTOM CONFIGURATION
160	239	F	S10W20	162	146	64	1.67	610.5	circular	± 60-80°	concave
161											
162	238	E	N10W20	98	68	12	.52	101.75	elliptical	± 30°	irregular
163	262	A	S10W20	144	150	150	1.76	2645.5	circular	± 60-80°	flat
164	235	E	N10W20	110	106	44	.882	194.25	circular	± 30°	concave
165	205	A	N10W20		164	108		1313.5	circular	vertical	concave
166	248	D	N10W20		120	98		610.5	circular	± 60-80°	concave
167	188	C	N10W30	184	202	120	3.20	3293	circular	± 60-80°	concave
168	240	C	N10W30		204	70		1998	circular	± 60-80°	flat
169	265	E	N10W30		120	18		166.5	kidney	± 60-80°	concave
170	226	C	S10W30	156	146	70	1.67	1628	circular	± 60-80°	concave
171	232	C	S10W30	110	130	47	1.32	814	circular	± 60-80°	concave
172	189	E	S10W20	100	60	14	.471	175.75	elliptical	± 30°	concave
173	190	C	S10W20	166	160	74	2.00	1350.5	circular	± 60-80°	flat
174	191	A	S10W30	158	164	100	2.11	3015.5	circular	vertical	flat
175	192	E	S10W30	118	110	16	.949	222	circular	± 30°	concave
176	193	F	S10W20	107	80	65	.671	592	elliptical	± 60-80°	concave
177	228	C	S10W20	126	122	61	1.61	4810	circular	vertical	irregular
178	249	C	S10W20	120	150	36		814	irregular	± 60-80°	flat
179	194	E	S10W30	100	130	30	1.32	323.75	circular	vertical	flat
180	195	C	S10W20	110	110	66	.949	749.25	circular	vertical	flat
181	196	G	S10W20	114	80	80	.715	425.5	elliptical	± 30°	concave
182	206	E	S10W20	122	100	24	.957	166.5	elliptical	± 30°	flat
183	202	E	S20W20	164	184	30	1.93	425.5	irregular	± 30°	concave
184	200	E	S20W20	140	114	20		407	irregular	± 30°	sloped
185	201	E	S20W20	138	126	32	1.24	666	circular	± 30°	concave
186	197	E	S20W30	196	170	42	2.26	555	circular	± 30°	concave
187	266	E	S20W30	130	144	28	1.62	462.5	circular	± 30°	flat
188	198	C	S10W30	142	150	60	1.76	1295	circular	± 60-80°	concave
189	199	C	S10W30	148	124	104	1.44	703	elliptical	± 30°	flat
190	267	E	S10W30	76	84	28	.553	129.5	circular	± 30°	concave.
191	215	C	S10W30	114	156	68	1.39	1794.5	elliptical	± 60-80°	flat
192	299	D	S10W30	132	134	70	1.40	1517	circular	vertical	flat

FEATURE NUMBER	CATALOG NUMBER	TYPE	PROVENIENCE	LENGTH cm	WIDTH cm	DEPTH cm	SURFACE AREA sq m	VOLUME liters	SURFACE CONFIGURATION	SIDE CONFIGURATION	BOTTOM CONFIGURATION
193											
194	264	A	S10W30	242	184	119	3.49	4939.5	elliptical	$\pm 60\text{--}80^\circ$	flat
195	224	C	S10W30	150	190	59	2.23	1332	elliptical	$\pm 60\text{--}80^\circ$	flat
196	216										
197											
198											
199											
200											
201											
202	301	E	N10W30	112	62	28	.545	296	elliptical	$\pm 60\text{--}80^\circ$	concave
203	233	E	N10W30	92	84	24	.553	120.25	circular	$\pm 30^\circ$	concave
204	229	E	N10W30	130	126	36	1.24	490.25	circular	$\pm 60\text{--}80^\circ$	flat
205	217	F	N10W30	72	80	38	.502	444	circular	vertical	concave
206	236	A	N10W30	144	140	120	1.53	2331	circular	vertical	flat
207	218	E	S10W30	134	140	18	1.53	240.5	circular	$\pm 60\text{--}80^\circ$	flat
208											
209	268	F	S10W20	136	124	64	1.20	555	circular	$\pm 60\text{--}80^\circ$	flat
210	281	E	N10W20	220	200	65	3.14		circular	vertical	flat
211	219	G	N20W30	186	368	14	6.8	1128.5	rectangular	$\pm 60\text{--}80^\circ$	flat
212	220	E	N20W30	150	88	20	1.32	222	rectangular	$\pm 30^\circ$	concave
213	237	G	N30W30	85	83	1		37	irregular	vertical	flat
214	221	E	N30W30	77	35	17	.211	277.5	elliptical	$\pm 30^\circ$	flat
215	231	G	N40W30	34	34	42	.090		circular	$\pm 60\text{--}80^\circ$	pointed
216	269	G	N30W30	38	132	30		37	irregular	irregular	irregular
217	222	E	N30W20	78	76	14	.453	37	circular	$\pm 30^\circ$	flat
218											
219	300	E	N10W30	83	98	24	.753	111	circular	$\pm 30^\circ$	concave
220	255	D	N10W20	184		76		610.5	irregular	vertical	concave